

BALLOT-PASSANO AWARD NOMINATION, 1987

SENIOR LAUREATE

Date July 28, , 1986

My candidate is: Dr. Attallah Kappas

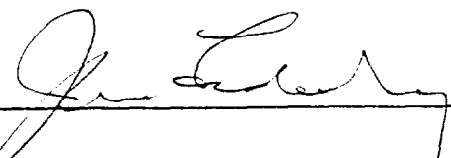
Contribution of candidate: Dr. Kappas has designed a synthetic heme analogue that blocks the body's production of bilirubin, a toxic chemical that can cause brain damage and death in new born infants, as well as jaundice in adults with various liver diseases. This heme also removes excess iron from the body and may help alleviate pathological effects associated with sickle cell anemia, thalassemia, and several liver diseases. In additional heme-related research, Dr. Kappas has discovered how specific alterations in diet can affect the body's metabolism of medicinal drugs, environmental chemicals, steroid hormones, and other substances produced by the body. These clinical applications are the product of many years of basic research on the metabolism of heme and the genetic and environmental factors regulating the heme pathway.

Supporting bibliography (use extra sheet, if needed):

enclosed.

Awards received, if any:

Please see page 2 of C.V.

Signed: 
Title: Dr. Joshua Lederberg
President
Institution: Rockefeller University
New York, NY 10021

Please return on or before
September 25, 1986